

Title (en)

Thrust reverser for a jet engine with doors linked to a front panel

Title (de)

Schubumkehrvorrichtung für ein Strahltriebwerk mit an der Vorseite der Hauptklappen verbundenen Hilfsklappen

Title (fr)

Inverseur de poussée de turboréacteur à portes associées à un panneau amont

Publication

EP 0790400 B1 20010516 (FR)

Application

EP 97400321 A 19970213

Priority

FR 9601849 A 19960215

Abstract (en)

[origin: EP0790400A1] The thrust reverser consists of a number of flaps (7) which, when closed, form part of the engine nacelle's outer wall, and are opened by power cylinders (8) to deflect the jet flow outwards and forwards. Each flap is connected to a corresponding inner forward panel (20) and turns about independent pivots (27,28) so that a passage is formed between them when the flap is opened. The connection between the outer flap and inner panel is in the form of an arm (30) with three pivot points (31,33,34), the first connected to the forward panel by a support (32), the second to the flap itself and the third to the power cylinder rod, so that in the direct flow position the forces acting on the panel have a zero effect on the flap or tend to hold it closed.

IPC 1-7

F02K 1/70

IPC 8 full level

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CPC (source: EP US)

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Cited by

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